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Sheet I of I P23684.P13 Atty. Docker No. Department of Commerce Application No. **FORM PTO-1449** Patent and Trademark Office P23684 10/646,711 **Applicant** INFORMATION DISCLOSURE STATEMENT Hiroshi NOMURA BY APPLICANT (Use several sheets if necessary) Filing Date Group August 25, 2003 2851 **U.S. PATENT DOCUMENTS FILING DATE EXAMINER** DOCUMENT NUMBER DATE NAME CLASS SUBCLASS IF APPROPRIATE INITIAL 4 3 2 3 06/20/89 YAMADA et al. 8 4 1 2 4 2 9 0 03/04/04 **NOMURA** 2004 / 0 0 \sim 7 3 5 07/22/04 NOMURA et al. 2004 / 0 1 4 1 $\overline{\omega}$ 0 6 2 5 3 6 04/01/04 **NOMURA** 2004 / 0 () 2 7 7 6 03/04/04 **NOMURA** 2004 / 0 0 4 7 5 02/06/01 6 1 8 5 3 MIKAMI 4 7 8 08/30/88 **WAKABAYASHI** 6 8 0 4 5 2 6 4 9 3 9 11/23/93 **CHANG FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER** DATE COUNTRY **CLASS SUBCLASS** YES NO 2 3 0 0 2 01/21/00 **JAPAN** X 2000 0 5 2 3 0 8 9 11/04/94 **JAPAN** X 6 X 7 1 9 9 0 1 9 08/04/95 **JAPAN** 3 1 3 2 2 6 11/26/93 **JAPAN** Χ 5 7 2 9 5 0 5 0 11/10/95 **JAPAN** Х X 9 0 0 5 8 4 9 01/10/97 **JAPAN** 3 61 1 3 9 3 3 06/21/86 **JAPAN** 2003 1 1 4 4 7 3 04/18/03 **JAPAN** X 5 7 5 09/16/04 2004 2 5 5 **JAPAN** 7 05/05/04 **UNITED KINGDOM** 2 3 9 4 8 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) 1 English Language Abstract of JP 61-133933.

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